Binary Formats

Blocks, Files, **Folders**, Volumes and Disks
in the OpenTrace engine

Folder

- A folder associates paths + names and sizes with a "File" (List of Keys)
- Folder is a list of records.
- A record starts with 8 bytes that are the file size.
- Next two bytes indicate variable length path and name string.
- Variable length string.
- Next two bytes indicate the count of keys for the file.
- Variable length list of keys.
- Files larger than 128 MB the keys are no longer stored inline and are moved to their own block.
- Folders can be searched by file name and directory name.

Record 0
Record 1
Record 2

...

Record N-1
Record N

8 Bytes: File Size

2 Bytes: String Length

N Bytes: Path + Name

2 Bytes: Key Count

N Bytes: Key List